

Tablet Press Fully Instrumentation – cGMP (PILOT 200)



PILOT 200 is a High Tech Rotary Tablet Press designed for R & D and small batch production. This Single sided R & D Tablet Press fully conforms to GMP and the safety requirements.

The Tablet Press Data Acquisition system is designed for detailed evaluation of the compression process. Tablet Press Instrumentation Package facilitates measurement, recording, storing, analysis and printing of per-compression force, compression force, ejection force, machine speed, dwell time, etc.

Technical Specifications

MODEL	PILOT 200 SHAKTI TABLET PRESS	
No. Of Station	8	10
Tooling	'D' Tooling	'B' Tooling
Max. Operating Load - Motorized	60 kN / 6 Tons	60 kN / 6 Tons
Pre Compression Load - Motorized	20 kN / 2 Ton	20 kN / 2 Ton
Turret Speed (RPM)	5 to 38 (Infinitely Variable)	5 to 38 (Infinitely Variable)
Force Feeder RPM	5 to 70 (Infinitely Variable)	5 to 70 (Infinitely Variable)
Output Tablets/ Hour * Min.	2400	3000
Output Tablets/ Hour * Max.	18200	22800
Max. Tablets Dia. (MM)	22	16
Max. Depth Of Fill - Motorized	17 mm	17 mm
Hopper Capacity	2 Kg (6 liters)	2 Kg (6 liters)
Upper Punch Penetration (MM)	3 to 6 mm	3 to 6 mm
Noise Level	< 80 dBA	< 80 dBA
Main Electric Motor (Driven Through ACVF)	2 HP, 1440 RPM, 3 Phase	2 HP, 1440 RPM, 3 Phase
Gear Motor for Feeder (Driven through ACVF)	0.25 HP, 1/3 Phase	0.25 HP, 1/3 Phase
Electric Supply	220V 3 Ph, 60 Hz / 415 V, 3 Ph, 50 Hz (2 kW)	220V 3 Ph, 60 Hz / 415 V, 3 Ph, 50 Hz (2 kW)